

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
2112(222085)Application No.  
10/784,393-Conf. #8432Filing Date  
February 23, 2004Examiner  
W. H. BeisnerArt Unit  
1744

Applicant(s): Aaron T. Timperman

Invention: APPARATUS AND METHOD FOR ON-CHIP CONCENTRATION USING A MICROFLUIDIC DEVICE WITH AN INTEGRATED ULTRAFILTRATION MEMBRANE STRUCTURE

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims		- 20 =		x	
Independent Claims		- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within third month					510.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>510.00</b>

☐ Large Entity☒ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 04-1105 in the amount of \$ 510.00.  
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1105  
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

*Elizabeth Spar*  
\_\_\_\_\_  
Elizabeth Spar  
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Dated: September 6, 2006

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Atty. Docket No.: (2112)222085

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Timperman

Examiner: Beisner,  
William H.

Serial No.: 10/784,393

Filed: February 23, 2004

Group Art Unit: 1744

Titled: Apparatus and Method for On-Chip  
Concentration Using a Microfluidic  
Device with an Integrated Ultrafiltration  
Membrane Structure

Conf. No.: 8432

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV 894058410 US** on this date, **September 6, 2006**, postage prepaid, in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michelle Pelletier

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**AMENDMENT AND REPLY**

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on March 7, 2006 in the above-identified application. Reconsideration and further examination are requested.

Attached is a Petition for Extension of Time under 37 C.F.R. § 1.136(a) to extend the period of response three months, up to and including September 7, 2006, along with the necessary fee. Please charge the necessary extension fee as well as any additional fees required in connection with the papers transmitted herewith to Deposit Account No. 16-0085, Reference No. 2112(222085).

**Amendments to the Claims** are shown in the "Listing of the Claims" which begins on page 2 of this paper.

**Remarks** begin on page 8 of this paper.

Please enter the following amendments and remarks.